

**AN EXPERIMENTAL STUDY OF CROSSWORD PUZZLE IN TEACHING  
VOCABULARY AT ELEVENTH GRADE STUDENTS OF SMA MUHAMMADIYAH 1  
PALANGKA RAYA**

**THESIS**

Presented to the Department of Education of the State Islamic College  
of Palangka Raya in Partial Fulfilment of the Requirement  
for the Degree of Sarjana Pendidikan Islam



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*Peace be unto you and God's mercy and blessing as well.*

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Thank you for the great attention.

*Peace be you and God's blessing as.*

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This thesis entitles **AN EXPERIMENTAL STUDY OF CROSSWORD PUZZLE IN TEACHING VOCABULARY AT ELEVENTH GRADE STUDENTS OF SMA MUHAMMADIYAH 1 PALANGKA RAYA** in the name of Rima Yanti, and her Student Registration Number is 1001120603. It has been examined by Board Examiners of the State Islamic College of Palangka Raya on:

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MOTTO

*The Nice Thing about Doing a Crossword Puzzle  
is, You Know There is a Solution.*

*Stephen Sondheim*

## DECLARATION OF AUTHENTICATION

In the name of God

I myself make declaration that this thesis entitles **An Experimental Study of Crossword Puzzle in Teaching Vocabulary at Eleventh Grade Students of SMA Muhammadiyah 1 Palangka Raya** is truly my own writing .

If it is not my own writing so, it is given a citation and shown in the list of references.

If my own declaration is not right in this thesis one day so. I am ready to be given academic sanction namely, the cancellation of the degree of this thesis.

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# **AN EXPERIMENTAL STUDY OF CROSSWORD PUZZLE IN TEACHING VOCABULARY AT ELEVENTH GRADE STUDENTS OF SMA MUHAMMADIYAH 1 PALANGKA RAYA**

## **ABSTRACT**

The study is aimed to find out the effectiveness of using crossword puzzle in teaching vocabulary at eleventh grade students of SMA Muhammadiyah 1 Palangka Raya.

The study included quantitative paradigm with experimental design. It was designed the lesson plan, conducted the treatment, and observed the students' scores by pre-test and post-test. The population of the study is the eleventh grade students of SMA Muhammadiyah 1 Palangka Raya which consist of four classes. The writer chose XI IPA 1 and XI IPA 2 as sample. The sample was determined using cluster sampling.

After getting the data from pretest and posttest, they were analyzed using  $t_{test}$  formula to test the hypothesis stated. Based on the result of analysis, it was found that the value of  $t_{observed} = -11.271$  and  $t_{table} = 2.02$ . It showed that the  $t_{observed}$  was higher than  $t_{table}$ . The result of testing hypothesis determined that the alternative hypothesis ( $H_a$ ) stating that there is a significant difference between using crossword puzzle can be used to stimulate the students to increase their English vocabulary was accepted and null hypothesis ( $H_o$ ) stating that using crossword puzzle can not be use to stimulate the students to increase their English vocabulary was rejected.

*Keyword: Crossword Puzzle, Vocabulary*

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Palangka Raya, November 24<sup>th</sup>, 2014

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